

Notice of Drain Letting and Review

BUSH CREEK DRAIN NO. 3

Notice is hereby given, that we, Erva R. Laycock and F. H. Olmsted, County Drain Commissioners of the Counties of Gratiot and Midland, State of Michigan, will, on the 13th day of April A. D. 1916 at the Bethany Town Hall on the West side of the southwest quarter of section 15, Township of Bethany, Gratiot County, Michigan, at nine o'clock in the forenoon of that day, proceed to receive bids for the construction of a certain drain known and designated as Porter's 3 (known as Bush Creek) Drain, located in the Townships of Porter and Jasper, Midland County, and in Bethany Township in said County of Gratiot, and described as follows, to-wit:

Minutes of survey of center line, and specifications for Locating, Establishing and Constructing a drain formerly known as the Bush Creek.

Commencing in the channel of Pine River at a point 25 feet East and 11.78 chs North of corner common to Sections 17, 18, 19 and 20 of Porter township, Midland County, and running northwardly, South 7 chs., thence S 11° 30' E 4.83 chs., and cross line between Sections 17 and 20, Porter tp. at 1.35 chs. East of SW cor. Sec. 17.

Thence on same course 21.67 chs; thence S 65° W 5.20 chs; thence S 16° 04' E 6.83 chs, and cross N 1-8 line Sec. 20 at 270 chs East of West line of Sec.

Thence on same course 7.36 chs, thence S 59° 30' W 5.83 chs, and cross line between Sections 19 and 20, Porter tp. at 10 chs N. of I-4 post.

Thence S 14° 20' W 10.30 chs and cross I-4 line Sec. 19 at 3 chs West of I-4 post, between Sections 19 and 20.

Thence S 14° 20' W 2.37 chs; thence S 58° 30' W 23.90 chs; thence S 76° 40' W 11.53 chs; thence S 64° 56' 20.40 chs and cross South 1-8 line Sec. 10, Porter tp. at 1.46 chs East of North and South I-4 line.

Thence on same course 1.90 chs and cross North and South I-4 line Sec. 19 at 90 lks South of South I-8 post.

Thence on same course 7.62 chs; thence S 80° 40' W 9.35 chs; thence S 51° 30' W 5.80 chs; thence S 61° 30' W 15.54 chs and cross township line between Porter and Jasper townships, at 3.80 chs North of SW corner of Sec. 19, Porter township.

Thence on same course 8 chs and cross line between Sections 24 and 25, Jasper township at 7 chs West of town line.

J. W. HARROD,
Surveyor.

Specifications.

(1) Station stakes and grade hubs are set every 8 rods, and are numbered consecutively from 0 at outlet to upper end. Stakes 0 to 80 inclusive are placed 25 feet to right of center line of drain. Stakes 81 to 100, inclusive, are 25 feet to left of center line of drain. Stakes 101 to 143 are 25 feet to right of center.

Stakes 144 to 148 are 25 feet to left of center; stakes 149 to 197 are 25 feet to right of center; stakes 198 to upper end are 20 feet to left of center line of drain.

(2) The bottom width of drain from outlet to stake No. 244 shall be 20 feet and top width 30 feet, the bottom width 10 feet and top width 26 feet from stake 244 to upper end.

(3) Four rods on each side of center line of drain will be required for right of way to be used in construction and for deposition of earth.

(4) All excavations shall be removed at least 8 feet from top edge of banks. All timber and brush shall be cut and removed beyond the depositions of earth and no timber is to be covered with excavations.

(5) All open drains, highway ditches, etc., which enter the stream shall be left clear and unobstructed.

(6) The work will be let in one section as a dredge job.

The depth of drain and width on top are measured from level of grade hubs in feet and tenths as shown by the profile which is made a part of these specifications and can be seen at the drain commissioner's office.

Thence S 55° W 4 chs; thence S 56° 30' W 12.0 chs and cross West I-8 line Sec. 36, Jasper tp. at 9.50 chs south of I-4 line.

Thence S 64° W 6.70 chs; thence S 3° W 9.90 chs, and cross South 1-8 line Sec. 36 at 8.45 chs East of Sec. line.

Thence S 40° W 13 chs, thence S 45° W 30 lbs and cross line between Sections 35 and 36, Jasper tp. at 10.95 chs North of County line.

Thence on same course 5.93 chs; thence S 19° W 6.10 chs and cross line between Midland County and Gratiot County at 6.10 chs West of NE corner of Sec. 2, Bethany tp.

Thence S 16° 20' W 8.00 chs; thence S 29° 30' W 10.30 chs; thence S 7° E 3.0 chs and cross N 1-8 line Sec. 2, Bethany tp. at 6.40 chs East of center of NE 1-4.

Thence on same course 3.30 chs; thence S 41° 45' E 10.93 chs; thence S 3° 30' E 4.72 chs; thence S 46° 4.80 chs and cross East and West I-4 line Sec. 2, at 7.45 chs West of Sec. line.

Thence on same course 2 chs; thence S 62° W 12.90 chs and cross E 1-8 line Sec. 2 at 7 chs South of I-4 line.

Thence on same course 35 lbs; thence S 46° W 17.45 chs at 7.28 chs East of I-4 line.

Thence S 24° W 3.30 chs; thence S 9° 15' W 3.35 chs; thence S 35° E 9.95 chs; thence S 41° E 2.40 chs; thence S 3 de. E 5.30 chs; thence S 12 de. 45min. W 1.40 chs, and cross line between Sec. 2 and 11, Bethany tp. at 13.76 chs, East of I-4 post.

Thence on same course 9.98 chs; thence South 10.28 chs; and cross N 1-8 line Sec. 11, Bethany tp. at 11.37 chs East of I-4 line.

Thence on same course 4 lbs; thence S 76 de. 15 min. W 5.05 chs; thence S. 26. W. 6.73 chs; thence S 20 de. E 8.40 chs; thence S 6 de. 40 min. W 4.85 chs, and cross East and West I-4 line Sec. 11 at 10.32 chs W of SE corner of SW 1-4 of NE 1-4.

Thence on same course 10 chs; thence S 8° W 14.00 chs; thence S 19° 15' E 14.40 chs; thence S 11° 2° 2 chs and cross line between Sections 11 and 14 at 6.50 chs West of E 1-8 post.

Thence on same course 4 chs; thence S 39° 30' E 1.11 chs; thence S 53° 45' E 3.89 chs, and cross E 1-8 line Section 14 at 11.20 chs North of center of NE 1-4.

Thence on same course 1 chs, thence S 50° E 2 chs; thence S 41° E 2 chs; thence S 29° E 3.50 chs; thence S 40° E 1.50 chs; thence S 62° 30' E 5.65 chs; thence S 11° 30' E 2.35 chs and cross N 1-8 line Sec. 14 at 9.56 chs West of SE cor. of NE 1-4.

Thence on same course 14.50 chs; thence S 70° E 6.60 chs and cross line between Sections 13 and 14 at 5.43 chs North of I-4 post.

Thence on same course 90 lbs; thence S 55° E 4 chs; thence S 7° 30' E 6 chs; thence S 40° E 3.10 chs; thence S 15° 37' E 3.90 chs; thence S 50° W 4.26 chs.

LANDS IN PORTER TOWNSHIP

DESCRIPTION SECTION NAME

W 1/4 of SW 1/4 of NW 1/4 & EX NW 1/4	20 A. J. Raynor
SE 1/4 of SE 1/4	19 Stella Battley
SE 1/4 of SE 1/4 & N 1/2 of SE 1/4	19 O. Bren
SW 1/4 of SE 1/4	19 Bond
S 1/2 of SW 1/4	19 Bond
SE 30A. of N 1/2 of SW 1/4	19 M. Gaywood
N 1/2 of SW 1/4	19 M. Gaywood
SW 1/4 of NW 1/4	19 A. Bryant
SE 1/4 of NW 1/4	19 G. Chapelle
SW 1/4 of NW 1/4	19 H. Carter
SE 1/4 of NE 1/4	19 F. Clemens
SW 1/4 of NE 1/4	19 Mrs. I. Clemens

THE ALMA RECORD

DESCRIPTION	SECTION NAME
N 1/2 of N 1/4 of SE 1/4	30 Otto Breu
E 1/4 of S 1/4 of N 1/2 of SE 1/4	30 Chas. Schuer
SE 1/4 of SE 1/4	30 F. D. Mosher
E 1/4 of SW 1/4 of SE 1/4	30 Geo. Whitney
W 1/4 of S 1/4 of N 1/2 of SE 1/4	30 D. Mosher
E 1/4 of SW 1/4 of SE 1/4	30 O. D. Witney
NW 1/4 of SW 1/4 of SE 1/4	30 S. D. Carter
SW 1/4 of SW 1/4 of SE 1/4	30 Taylor Halsted
NE 1/4 of NE 1/4	31 Mrs. A. C. Whitney
SW 1/4 of SW 1/4 of SE 1/4	31 Geo. Whitney
N 1/2 of NE 1/4	31 Chas. Shaver
S 1/2 of S 1/4 of NE 1/4	31 Fred Whitney
N 1/2 of NW 1/4 of SE 1/4	31 Thos. Vought
SW 1/4 of NW 1/4 of SE 1/4	31 Tayler Halsted
SW 1/4 of SW 1/4 of SE 1/4	31 Floyd Clemens
W 1/4 of NW 1/4 of SE 1/4	31 A. Grayson
N 1/2 of NE 1/4 of SE 1/4	31 G. Shaver
E 1/4 of SE 1/4 of NW 1/4 of SE 1/4	31 F. Whitney
W 1/4 of SW 1/4 of SE 1/4	31 R. Hastings
N 1/2 of SW 1/4 of SE 1/4	31 K. Hastings
SW 1/4 of SW 1/4 of SE 1/4	31 Joe Bishop
W 1/4 of SE 1/4 of SW 1/4 of SE 1/4	31 W. H. Barick

LANDS IN JASPER TOWNSHIP MIDLAND COUNTY

DESCRIPTION	SECTION NAME
SE 60A. of S 1/4 of SE 1/4	24 H. Sheldon
N 1/2 of NE 1/4	25 F. G. Kneeland
S 1/2 of S 1/4 of NE 1/4	25 A. Blardon
E 1/4 of SW 1/4 of SE 1/4	25 A. Hetzman
NE 1/4 of NE 1/4	25 Hagen
SW 1/4 of SW 1/4 of SE 1/4	25 Jas. Preston
W 1/4 of S 1/4 of NE 1/4	25 D. McLintic
N 1/2 of SE 1/4	25 S. VanBuren
E 1/4 of SE 1/4 of SW 1/4	25 Rev. Ben Fisher
SW 1/4 of SW 1/4 of SE 1/4	25 McQuestion
SE 1/2 of SE 1/4 Ex. NW 5A	25 A. Irvin
N 1/2 of SE 1/4	25 M. Howard
SW 1/4 of NE 1/4	25 S. Barnes
W 1/4 of NE 1/4	25 M. Dolph
E 1/4 of SW 1/4 of SE 1/4	25 F. Harrington
S 1/2 of SE 1/4	25 Wm. Douglas
NE 1/4 of NE 1/4	25 R. Barton
SW 1/4 of SW 1/4 of SE 1/4	25 W. Diamond
SE 1/2 of SE 1/4 Ex. NW 5A	25 S. Barnes
N 1/2 of NE 1/4	25 C. Sawwell
SW 1/4 of NW 1/4 of SE 1/4	25 Rock Est.
W 1/4 of SW 1/4 of SE 1/4	25 A. Irvin
E 1/4 of NE 1/4	25 S. Barnes
S 1/2 of SE 1/4	25 Miller Est.
NE 1/4 of SE 1/4	25 J. L. McLean
SW 1/4 of SW 1/4 of SE 1/4	25 E. Morford
SE 1/2 of SE 1/4	25 M. Vibert
N 1/2 of NE 1/4	25 Eva Vincent

TOWNSHIP OF EMERSON GRATIOT COUNTY BUSH CREEK DISTRICT

DESCRIPTION	SECTION NAME
SW 1/4 of NE 1/4 of NW 1/4	Henry Snow
NW 1/4 of NW 1/4	Leroy Jackson
SE 1/4 of NE 1/4	R. J. Fisher
NE 1/4 of NW 1/4	John Jackson
SW 1/4 of NE 1/4	Lewis Andrus
SE 1/4 of NE 1/4	Mrs. E. Shean
SW 1/4 of NE 1/4	A. A. Andrus
SE 1/4 of NW 1/4	P. W. Cola

DESCRIPTION	SECTION NAME
SE 1/4 of SW 1/4 of SW	